

EXPRESS MAIL MAILING LABEL: ER 224689568 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HOPE et al.  
Serial No.: n/a  
Filed: Contemporaneous Herewith  
Entitled: Rotary Piston Vacuum Pump with Washing Installation  
Atty. Dkt.: M02B155

Group Art Unit: n/a  
Examiner: n/a

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

The Examiner's attention is directed to the documents identified on the attached Forms PTO/SB/08A and PTO/SB/08B "Information Disclosure Statement By Applicant." A copy of each non-US patent document is enclosed.

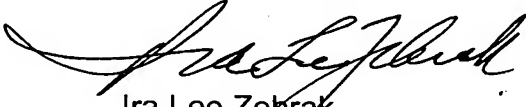
Please consider all the listed documents and list them on the cover sheet of any patents to issue from the subject application.

The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or within three months of the date of entry of the National Phase of an international application or before the mailing of a first Office Action on the merits.

In accordance with 37 CFR 1.97(b), no additional fee is due. As a precaution, the Commissioner is hereby authorized to charge to Deposit Account No. 02-2865 any fee required by this submission.

Very truly yours,

Date: April 14, 2005  
The BOC Group, Inc.  
Legal Services - Intellectual Property  
575 Mountain Avenue  
Murray Hill, NJ 07974  
(908) 771-6469

  
Ira Lee Zebrak  
Attorney for Applicant(s)  
Reg. No. 31,147

Attachments  
Forms PTO/SB/08A & PTO/SB/08B  
Cited References

PVN:bjl

EXPRESS MAIL MAILING LABEL: ER 224689568 US

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	HOPE et al.
Art Unit	
Examiner Name	
Attorney Docket Number	M02B155

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 5 452 696 A	09-26-1995	Flynn	
	2	US- 5 287 834 A	02-22-1994	Flynn	
	3	US- 5 753 049 A	05-19-1998	Ihara et al.	
	4	US- 5 443 644 A	08-22-1995	Ozawa	
	5	US- 5 924 855 A	07-20-1999	Dahmlos et al.	
	6	US- 5 046 934 A	09-10-1991	Berges	
	7	US- 6 224 326 B1	05-01-2001	Puech	
	8	US- 2002/0141882 A1	10-03-2002	Ingistov et al.	
	9	US- 4 400 891 A	08-30-1983	Kongshaug	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	10	EP 0 320 956 B1	03-17-1993	Hitachi, Ltd.		
	11	CH 225 028 A	12-31-1942	Braunstein		
	12	EP 0 879 964 A1	11-25-1998	T.D.Engineering		
	13	DE 198 20 622 A1	11-11-1999	Frieden		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

10/531563

J0125000 PCT/PTC 1 4 APR 2005

EXPRESS MAIL MAILING LABEL: ER 224689568 US

PTO/SB/088 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number

Filing Date

First Named Inventor

HOPE et al.

Art Unit

Examiner Name

Sheet

2

of

2

Attorney Docket Number

M02B155

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	14	BENNO BASLER and TADEUSZ ZABA, Abstract of CH660056 A, "Method and Device for Cleaning the Blades of a Gas Turbine During Operation," March 13, 1987	
	15	RIKURO SHIRASE, Abstract of JP1127308 A, "Injection Molding Machine with Colorant-Feeding Device," May 19, 1989	
	16	DIETMAR ROOK, CHRISTIAN DAHMLOS, RALF STEFFENS, Abstract of DE19522554 A, "Compressor Operative Chamber Surface Cleaning Method," January 2, 1997	
	17	United Kingdom Search Report for Application No. GB 0223767.5, Date of search: November 17, 2003	
	18	YUJI YAMADA, Patent Abstracts of Japan; Abstract of "Roots Fluid Machine," Kobe Steel Ltd; Publication No. 10299676, Publication Date November 10, 1998	
	19	YOSHIYUKI NISHIMURA, Patent Abstracts of Japan; Abstract of "Running Method of Screw Compressor of Non-Replenishing and Spray Injection Type," Kobe Steel Ltd; Publication	
		Number 60017283, Publication Date January 29, 1985	
	20	PCT International Search Report for International Application No. PCT/GB 03/04330; Date of mailing January 15, 2004	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.